



DEC 9 8 2005

JRW

PATENT
OPT-02-04
Express Mail Label No.: EQ 246909172 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit: 3747

Examiner: W. Wolfe, Jr.

In re Application:
Chatfield et al.

Serial No.: 10/663,862

Filing Date: September 16, 2003

SIGNAL CONDITIONER
AND USER INTERFACE

RESPONSE TO OFFICE ACTION

Pittsburgh, Pennsylvania 15235

December 27, 2005

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action dated December 1, 2005 (the "Office Action") and to place the above captioned application (the "Subject Application") in better condition for allowance, Applicants submit the following amendments and request that the Examiner amend the specification as indicated below.



Docket No. OPT-02-004

Response to Office Action

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Glen F. Chatfield and Roy D. Houston
Serial No.: 10/663,862
Filed: September 16, 2003
For: Signal Conditioner and User Interface

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA. 22313-1450

Express Mail Certificate

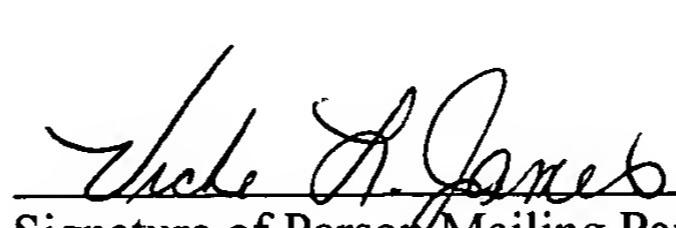
"Express Mail" label number: EQ 246909172 US
Date of Deposit: December 27, 2005

I hereby state the following papers are attached hereto:

Response to Office Action (3 pages).

Which are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above and is addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Vicki L. James
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Signature of Person Mailing Paper